CONTENTS
VOLUME 64, 1991

ALEXEEV, VALERY. Ample Weil divisors on $K3$ surfaces with Du Val singularities 617

BAÑUELOS, RODRIGO, RICHARD F. BASS, AND KRZYSZTOF BURDZY. Hölder domains and the boundary Harnack principle. 195

BASS, RICHARD F., RODRIGO BAÑUELOS, AND KRZYSZTOF BURDZY. Hölder domains and the boundary Harnack principle. 195

BELL, STEVE. The Szegö projection and the classical objects of potential theory in the plane 1

BURDZY, KRZYSZTOF, RODRIGO BAÑUELOS, AND RICHARD F. BASS. Hölder domains and the boundary Harnack principle. 195

CANARY, RICHARD D. The Poincaré metric and a conformal version of a theorem of Thurston. 349

CHANG, SUN-YUNG A. AND PAUL C. YANG. A perturbation result in prescribing scalar curvature on S^n 27

CHAVEL, ISAAC AND EDGAR A. FELDMAN. Modified isoperimetric constants, and large time heat diffusion in Riemannian manifolds. 473

CHRISTIAN, ULRICH. Ergänzung zu "Über die scatteringmatrix elliptischer Modulgruppen 409

D'AGNOLO, ANDREA AND PIERRE SCHAPIRA. An inverse image theorem for sheaves with applications to the Cauchy problem. 451

DERRIDJ, MAKHLOUF AND DAVID S. TARTAKOFF. Local analyticity for the $\bar{\partial}$-Neumann problem and $\Box_b$—some model domains without maximal estimates. 377

DIAZ, RICARDO L. Boundary regularity of a canonical solution of the $\bar{\partial}_b$ problem. 149

FELDMAN, EDGAR A. AND ISAAC CHAVEL. Modified isoperimetric constants, and large time heat diffusion in Riemannian manifolds. 473

GLOBEVNIK, JOSIP AND EDGAR LEE STOUT. Boundary Morera theorems for holomorphic functions of several complex variables. 571

GMIRA, ABDELILAH AND LAURENT VÉRON. Boundary singularities of solutions of some nonlinear elliptic equations. 271

GREENLEAF, ALLAN AND GUNTHER UHLMANN. Composition of some singular Fourier integral operators and estimates for restricted X-ray transforms, II. 415

HERBST, IRA AND ERIK SKIBSTED. Time-dependent approach to radiation conditions. 119

KHURI, HALA HALIM. Heights on the moduli space of Riemann surfaces with circle boundaries. 555

KRONHEIMER, P. B. Instanton invariants and flat connections on the Kummer surface. 229

LAI, K. F. On Arthur's class expansion of the relative trace formula. 111

LASZLO, YVES. Un théorème de RRiemann pour les diviseurs thêta sur les espaces de modules de fibrés stables sur une courbe. 333

CONTENTS
VOLUME 64, 1991

ALEXEEV, VALERY. Ample Weil divisors on $K3$ surfaces with Du Val singularities 617

BAÑUELOS, RODRIGO, RICHARD F. BASS, AND KRZYSZTOF BURDZY. Hölder domains and the boundary Harnack principle. 195

BASS, RICHARD F., RODRIGO BAÑUELOS, AND KRZYSZTOF BURDZY. Hölder domains and the boundary Harnack principle. 195

BELL, STEVE. The Szegö projection and the classical objects of potential theory in the plane 1

BURDZY, KRZYSZTOF, RODRIGO BAÑUELOS, AND RICHARD F. BASS. Hölder domains and the boundary Harnack principle. 195

CANARY, RICHARD D. The Poincaré metric and a conformal version of a theorem of Thurston. 349

CHANG, SUN-YUNG A. AND PAUL C. YANG. A perturbation result in prescribing scalar curvature on S^n 27

CHAVEL, ISAAC AND EDGAR A. FELDMAN. Modified isoperimetric constants, and large time heat diffusion in Riemannian manifolds. 473

CHRISTIAN, ULRICH. Ergänzung zu "Über die scatteringmatrix elliptischer Modulgruppen 409

D'AGNOLO, ANDREA AND PIERRE SCHAPIRA. An inverse image theorem for sheaves with applications to the Cauchy problem. 451

DERRIDJ, MAKHLOUF AND DAVID S. TARTAKOFF. Local analyticity for the $\bar{\partial}$-Neumann problem and $\Box_b$—some model domains without maximal estimates. 377

DIAZ, RICARDO L. Boundary regularity of a canonical solution of the $\bar{\partial}_b$ problem. 149

FELDMAN, EDGAR A. AND ISAAC CHAVEL. Modified isoperimetric constants, and large time heat diffusion in Riemannian manifolds. 473

GLOBEVNIK, JOSIP AND EDGAR LEE STOUT. Boundary Morera theorems for holomorphic functions of several complex variables. 571

GMIRA, ABDELILAH AND LAURENT VÉRON. Boundary singularities of solutions of some nonlinear elliptic equations. 271

GREENLEAF, ALLAN AND GUNTHER UHLMANN. Composition of some singular Fourier integral operators and estimates for restricted X-ray transforms, II. 415

HERBST, IRA AND ERIK SKIBSTED. Time-dependent approach to radiation conditions. 119

KHURI, HALA HALIM. Heights on the moduli space of Riemann surfaces with circle boundaries. 555

KRONHEIMER, P. B. Instanton invariants and flat connections on the Kummer surface. 229

LAI, K. F. On Arthur's class expansion of the relative trace formula. 111

LASZLO, YVES. Un théorème de RRiemann pour les diviseurs thêta sur les espaces de modules de fibrés stables sur une courbe. 333

MORIWAKI, ATSUSHI. A note on Bogomolov-Gieseker's inequality in positive characteristic. 361
MORRIS, LAWRENCE. Fundamental G-strata for classical groups. 501
REINECK, JAMES F. Continuation to gradient flows. 261
RUDNICK, ZEÉV AND HENRIK SCHLICHTKRULL. Decay of eigenfunctions on semisimple symmetric spaces. 445
SAITO, SHUJI. Torsion zero-cycles and étale homology of singular schemes.. 71
SARNAK, PETER AND XIAOXI XUE. Bounds for multiplicities of automorphic representations. 207
SCHAPIRA, PIERRE AND ANDREA D'AGNOLO. An inverse image theorem for sheaves with applications to the Cauchy problem. 451
SCHLICHTKRULL, HENRIK AND ZEÉV RUDNICK. Decay of eigenfunctions on semisimple symmetric spaces. 445
SHIMADA, ICHIRO. On the cylinder homomorphism for a family of algebraic cycles. 201
SKIBSTED, ERIK AND IRA HERBST. Time-independent approach to radiation conditions. 119
STOUT, EDGAR LEE AND JOSIP GLOBEVNIK. Boundary Morera theoems for holomorphic functions of several complex variables. 571
TARTAKOFF, DAVID S. AND MAKHLOUF DEDRRIDJ. Local analyticity for the $\bar{\partial}$-Neumann problem and $\Box_b$—some model domains without maximal estimates. 377
UHLMANN, GUNTHER AND ALLAN GREENLEAF. Composition of some singular Fourier integral operators and estimates for restricted X-ray transforms, II. 415
VÉRON, LAURENT AND ABDELILAH GMIRA. Boundary singularities of solutions of some nonlinear elliptic equations. 271
WIŚNIEWSKI, JAROSŁAW A. On deformation of nef values. 325
XUE, XIAOXI AND PETER SARNAK. Bounds for multiplicities of automorphic representations. 207
XUE, XIAOXI. On the first Betti numbers of hyperbolic surfaces. 85
YANG, PAUL. C. AND SUN-YUNG A. CHANG. A perturbation result in prescribing scalar curvature on S^n 27
YE, ZHUAN. On Nevanlinna's error terms. 243
ZUO, KANG. The moduli spaces of some rank-2 stable vector bundles over algebraic $K3$-surfaces. 403